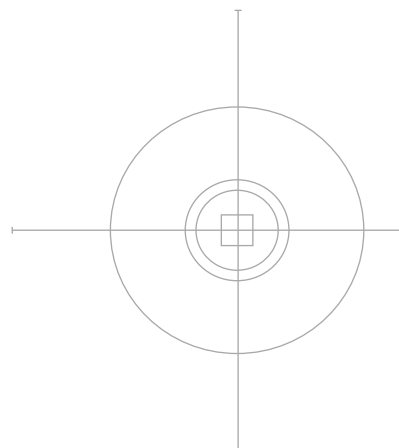
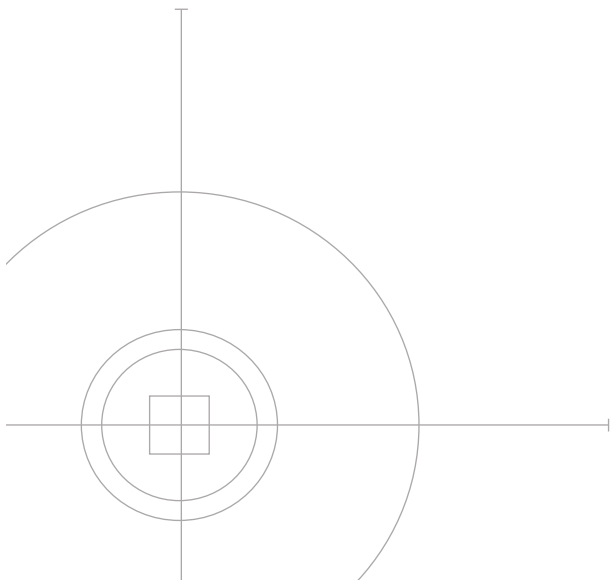


SKY701 用户手册



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1.0 简介 Introduction

SKY701是一款简单易用,功能强大的七通道遥控器,具有油门曲线,PIT调节.其辅助微调分级更为精细;更具特色的是控制器控制陀螺仪灵敏度. SKY701是一款航模爱好者首选的遥控器.

The SKY701,with powerful function, is simple and easy to operate. Involving throttle curve and PIT adjustment. Its characteristics include subtle trim lever, and high sensitive gyro controlled by transmitter. It is suitable for various flight performances.

2.0 航行时的注意 Precautions During Flight



警告 WARNING

禁止事项 PROHIBITED

禁止同时使用相同的频率.避免因频率发生冲突而导致模型产品坠毁或损坏.

*使用不同的调制方式的同一相同频率也会发生冲突导致模型产品坠落或损坏.

Do not fly simultaneously on the same frequency. Interference may cause a crash.

*Use of the same frequency will cause interference even if the modulation method (AM, FM, PCM) is different. Simultaneous flight on the same frequency and same time is prohibited.



禁止在相同的频率上同时控制

Do not fly simultaneously on the same frequency



不要在夜晚、下雨或刮风的时候使用.发射机会因环境影响导致对控制造成干扰.控制不灵甚至发生意外.

Do not fly on rainy or windy days, or at night. Water will penetrate into the transmitter that cause faulty operation, or loss of control, and cause a crash.



请不要在夜晚、下雨或刮风的时候使用.

Do not fly rain wind night



使用时要把天线拉到最大长度.如果天线抽出太短,那么发射的有效信号强度也会更弱,从而影响到控制距离.

Extend the antenna to its full length. if the antenna is short, the effective range of the radio waves will become shorter.



使用时要把天线拉到最大长度.

Extend to full length



*在开始飞行之前, 检查每个伺服器匹配的操纵杆的方位. 如果伺服器不能往正确的方向或者于不正常状态下, 请不要使用.

Always test the digital proportional R/C set before use.

*Before starting the engine, check the direction of control stick matched by each servo, if a servo does not move in the proper direction, or operation is abnormal, do not fly the plane



检测
Test



3.0 强制事项 Mandatory

启动电源开关时:

把发射机油门(第三通道)操纵杆以及微调打到最小的位置, 然后打开发射机电源开关, 再连接接收机电源.

切电源时:

在模型产品停止时先切断电源关掉接收机后, 关闭发射机.

*操作顺序若相反的话, 会有意外失控危险.

*最小位置: 机器或发动机运行时的最小速度.

When turning on the power switch,

1. setting the transmitter throttle lever to maximum slow.
2. Turn on the transmitter power switch.
3. Then turn on the receiver power switch.

When Turning off the power.

Switch after stopping the engine.

1. Turn off the receiver power switch.
2. Then turn off the transmitter power switch.

*If the operation is done in the opposite order, the engine may go to full throttle unexpectedly and cause an injury.

*Maximum slow; minimum speed when machine's operating.



开
Power ON



关
Power OFF



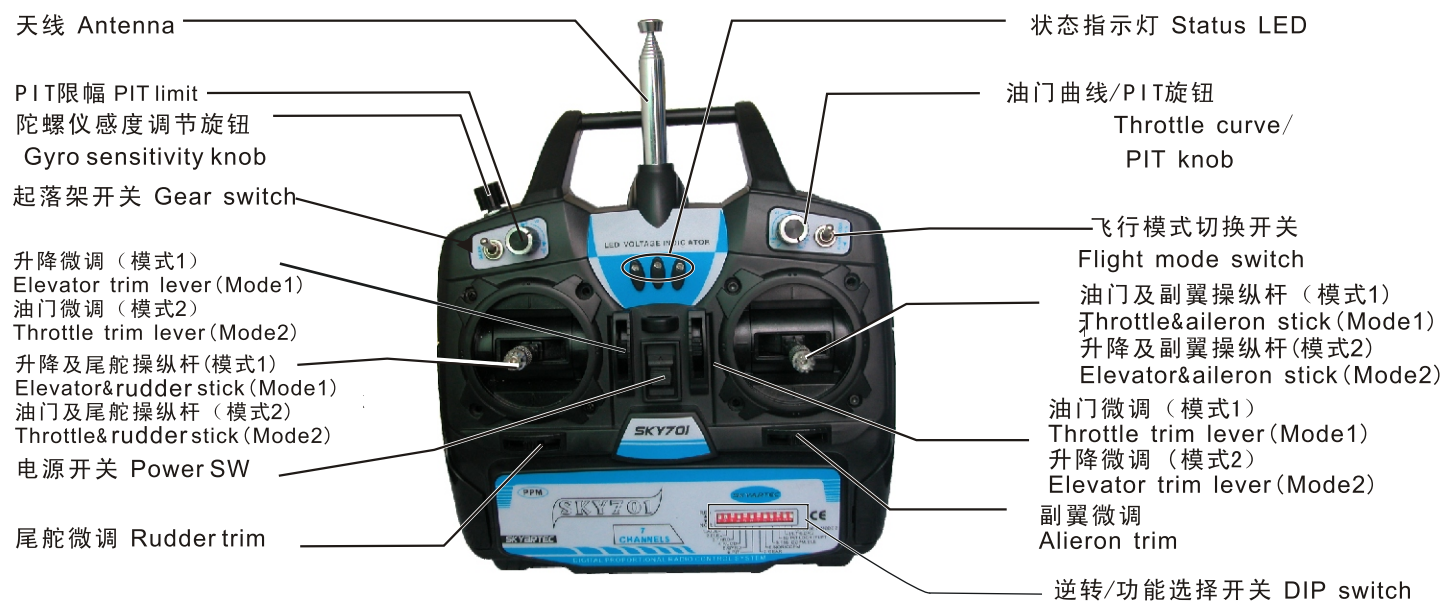
*调整发射器, 必须在引擎停止(马达连接拔除)的状态下, 才可进行. 不然会有意外失控的危险.

When adjusting the digital proportional R/C set, always stop the engine (disconnect the motor). If the engine suddenly goes to high speed, it may cause an injury.

*行使时,请务必必要把高频头安装到发射机天线上,当频率改变的时候,高频头也将随着改变。合微调进行调整,微调即使在行使时,可能会有挪移的情形发生,如果微调 偏移,又启动电源的话,可能会在不注意时忽然跑动,将导致危险。

When flying, always install the high frequency Atis to the transmitter antenna. When the frequency was changed, also change the high frequency Atis. When flying , always adjust the trims. The trims will have a little move even not in flying time, when the trim has excursed . it will cause a serious damage.

4.0 面板开关说明图 Control Identification and Location



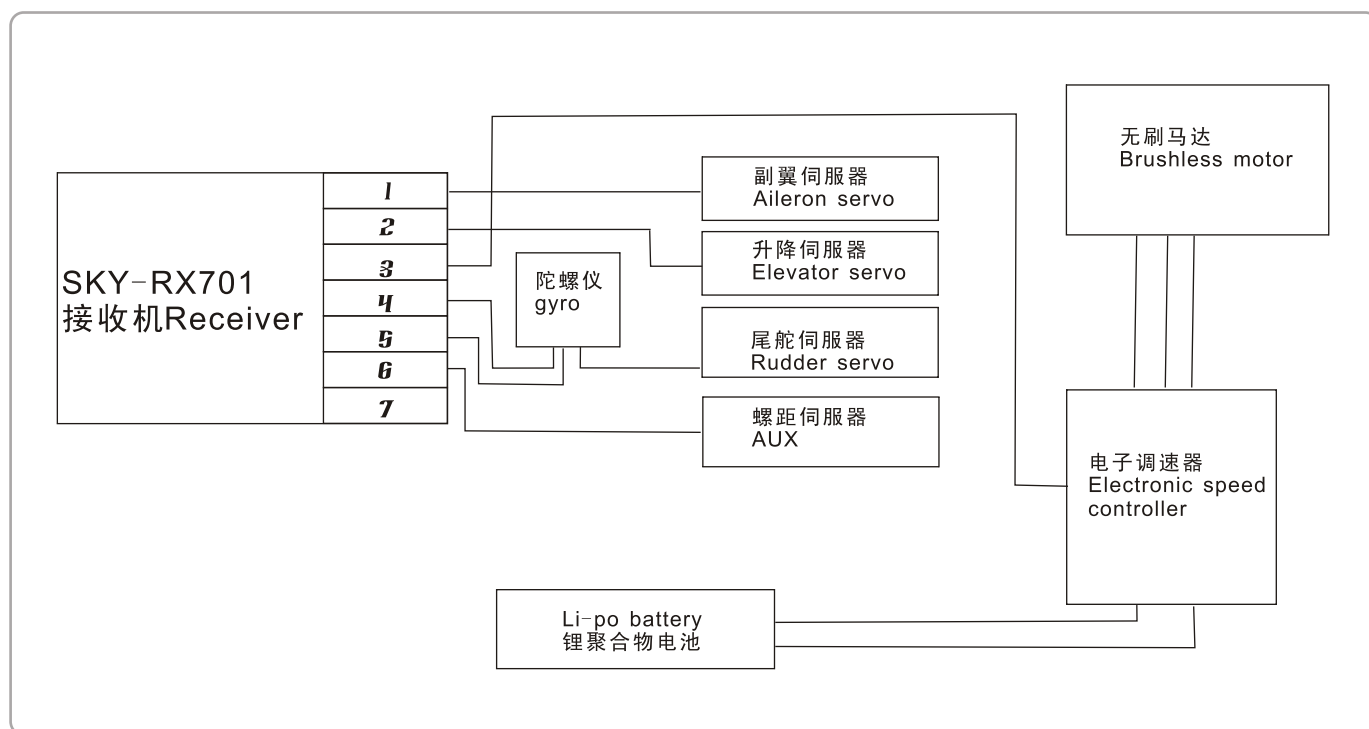
5.0 背板开关说明图 Backboard Identification



5. 1 逆转/功能选择开关 DIP Switch Allocation

- | | | |
|--|------------------------------|---|
| 1. 副翼逆转 Aileron | 6. PIT逆转 PIT | 9. CCPM调整升降舵逆转/F16
Elevator function in CCPM mode /F16 |
| 2. 升降逆转 Elevator | 7. 收脚轮
Gear | 10. PIT锁定或调节 PIT lock or adjust |
| 3. 油门逆转 Throttle | 8. CCPM/NOR选择
Normal/CCPM | 11. 油门曲线锁定或调节
Throttle curve Lock or adjust |
| 4. 尾舵逆转 Rudder | | |
| 5. 陀螺仪感度锁定或调节
Gyro sensitivity lock or adjust | | |
| 12. Left throttle/Right throttle 左/右油门 | | |

6. 0 接收盒接线图 Receiver Connection



7. 0 SKY701面板详细功能 Control identification

模式1

1. 左操纵杆/方向舵. 前后拨动摇杆为控制升降舵操作;左右拨动摇杆为控制尾舵操作.
2. 右操纵杆/油门. 前后拨动摇杆为控制油门操作;左右拨动摇杆为控制副翼操作.

模式2

1. 左操纵杆/油门:前后拨动摇杆为控制油门操作;左右拨动摇杆为控制副翼操作.
2. 右杆/方向舵:前后拨动摇杆为控制升降舵操作;左右拨动摇杆为控制尾舵操作.
3. 油门微调:油门副助调节.
4. 副翼微调:副翼副助调节.
5. 升降舵微调:升降舵辅助调节.
6. 尾舵微调:尾舵辅助调节.
7. 起落开关:开关往前开为放下起落架,往后开为收起起落架.

8. 飞行模式切换开关, 有普通飞行模式及3D倒飞特技模式. 及3D倒飞特技模式.
9. PIT限幅; 在与逆转/功能选择开关配合下, 可实现舵机指数曲PIT限幅调节, 还有襟翼副翼混控.
10. 油门曲线/PIT旋钮; 在与逆转/功能选择开关配合下, 实现量的调节, 油门曲线调节, PIT调节.
11. 电量指示: 显示遥控器电池电量, 两蓝灯亮表示有电; 一蓝灯亮表示电量不足; 两蓝灯灭表示电量不足; 不可飞行. .
12. 状态指示: 调机时第10号开关拨在“ON”位置时, 表示进入PIT限幅及PIT参数设置; 第11号开关拨在“ON”位置时, 表示进入油门曲线参数设置; 第12号开关拨在“ON”位置时, 表示进入左右手切换.

MODE 1

1. Left stick/Rudder. It controls Elevator and tail rudder.and the push the stick toward forward or backward, that will go on the Elevator operation;while move the stick toward left or right.it goes on the tail rudder operation.

2. Right stick/Throttle. It controls throttle and aileron .the push the stick toward forward or backward, that will go on the throttle operation;while move the stick toward left or right.it goes on the aileron operation.

MODEL 2

1. Left stick/Throttle. It controls throttle and aileron .the push the stick toward forward or backward, that will go on the throttle operation;while move the stick toward left or right.it goes on the aileron operation.

2. Right stick/RudderIt controls Elevator and tail rudder.and the push the stick toward forward or backward, that will go on the Elevator operation;while move the stick toward left or right.it goes on the tail rudder operation.

3. Throttle trim . The throttle trim controls your helicopter to ascend and descend. push up the trim to ascend , and pull down to descend.

4. Aileron trim . The aileron trim controls your helicopter leftward and rightward. push the trim left to fly left , and push the trim rightward to fly right.

5. Elevator trim . It controls and modifies your helicopter forward and backward . push up to fly forward, and pull down to fly backward.

6. Rudder trim. The trim controls and modifies your helicopter leftward and rightward. Move the trim left to fly leftward, and move right to fly rightward.

7. Gear switch. Convert the gear switch to fold or release the skid landing system. Switching the switch up is ON, and switching the switch down is OFF.

8. Flight mode switch. Convert the flight mode. Switching up is the normal flight mode, and swithing down is the inverted flight mode.

9. PIT limit. Under the help of DIP switches, it achieves the PIT limit adjustment and aileron mixing, it may make the flight for the F16 and Funjet.

10. Rudder mixing/Throttle curve/PIT knob . Under the help of DIP switches, it reaches the volume adjustment, throttle curve adjustment, and PIT adjustment.

11. Indicator. Show the battery volume of the transmitter. the two blue lights are bright,it indicates the battery volume enough. When only one blue light indicates the battery volume not enough;but when both two blue lights go out, that indicates the battery volume is lack seriously.this moment you should stop the flight.

12. Status LED. when turning on the transmitter; Put the No.10 DIP switch in the ON position and . It indicates to adjust PIT limit parameters; Put the No.11 DIP switch in the ON position and . It indicates to adjust throttle curve; Put the No.12 DIP switch in the ON position and . It indicates to adjust mode system.

8.0 SKY701接收盒通道名称 SKY701 Receiver Channel Assignment

1. AILE: Aileron, 副翼
2. ELEV: Elevator, 升降舵
3. THRO: Throttle, 油门
4. RUDD: Rudder, 方向舵
5. Gyro sensitivity:陀螺仪感度
6. Pitch(use for helicopter)/AILE(use for Cessna)
7. GEAR: Gear, 收脚轮

1. **AILE**: Aileron, connect to aileron servo.
2. **ELEV**: Elevator, connect to elevator servo.
3. **THRO**: Throttle, connect to speed controller.
4. **RUDD**: Rudder, connect to rudder servo.
5. **Gyro sensitivity**: connect to gyro.
6. **Pitch**, connect to pitch servo; **Aileron**, connect to aileron servo.
7. **GEAR**: Gear, connect to gear servo.

9.0 遥控器功能设置 Transmitter Function

9.1 CCPM/REV/NOR 选择 CCPM/REV/NOR Selection

根据所选机型的倾斜盘确定模式。当机型是CCPM模式时，把逆转/功能选择开关的第8个开关拨向“REV”位置或“NOR”位置，同时，把把逆转/功能选择开关的第9个开关拨向“REV”位置或“NOR”位置；这样遥控器发出的指令将分别对四种不同的遥控模型进行控制

If your model is using CCPM mode, put the No.8 DIP switch to the REV or NOR position, At the same time, put the No.9 DIP switch to the REV or NOR position. Thus, the indicates that emits from the radio control will control four kinds of the different models.

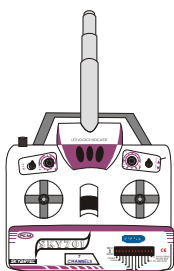
	8	9	用于机型 use for models
情形1 case1	NOR NOR	NOR NOR	可飞十字盘直升机及Cessna直升机 may fly the swashplate helicopter and Cessna
情形2 case2	NOR NOR	REV REV	可飞 F16, Funjet 飞机 may fly F16 and Funjet plane
情形3 case3	REV REV	NOR NOR	可飞120度 CCPM V3, V4 may fly 120° CCPM V3 and V4
情形4 case4	REV REV	REV REV	可飞120度CCPM 3D PRO may fly 120° CCPM PRO

SKY701遥控器用于以上四种机型时, 各按钮功能.

When the SKY701 radio control is used by the models above, the functions for the buttons

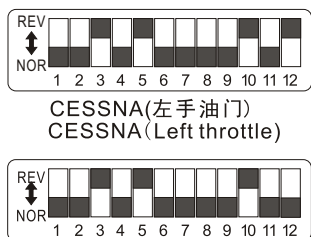
注: 开关1-7功能在运用到以上各种机型中都是相同的.

Note: the functions for the No.1 to 7 DIP switches are the same, when they are used by the models above.



情形一:

1. 如图为遥控器出厂时, 开关1-12左右手两种情况下的初始化值设置.
2. FLIGHT MODE: FLIGHT MODE为N时, 表明是正常模式; FLIGHT MODE 为1时, 则为FLPT混控.
3. 开关7为REV时, Gear 开关实现油门熄火功能(第3通道); 为NOR时, Gear开关实现对第7通道的打开或者关闭的功能.
4. 开关10为REV时, V1可调节FLPT混控量.
5. 开关11无功能.
6. 开关12为REV时为左手遥控器; 为NOR时为右手遥控器.

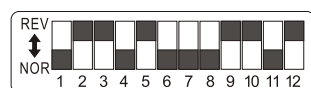
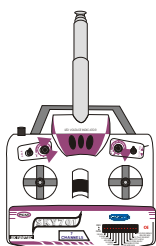


CESSNA(左手油门)
CESSNA(Left throttle)

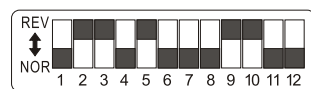


CESSNA(右手油门)
CESSNA(Right throttle)

如图1 Fig.1

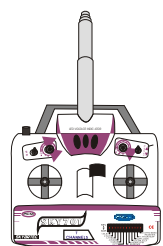


F16 / Funjet(左手油门)
F16 / Funjet(Left throttle)



F16 / Funjet(右手油门)
F16 / Funjet(Right throttle)

如图2 Fig.2

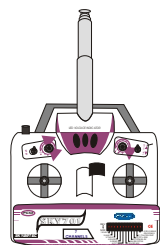


V3 / V4(左手油门)
V3 / V4(Left throttle)



V3 / V4(右手油门)
V3 / V4(Right throttle)

如图3 Fig.3



Case one:

1. when the radio control leaves factory, the initialization set of the No.1 to 12 DIP switches are showed in the pictures of left sides (there are two conditions, left throttle and right throttle).
2. FLIGHT MODE: when switching up the flight mode to the N position, it indicates the normal flight mode, and switching down to the 1 position, it indicates the FLPT mixing.
3. When put the No. 7DIP switch to the REV position, then the Gear switch will achieve the throttle flameout function (No. 3CH); on the contrary, when put the No. 7DIP switch to the NOR position, then the gear switch will achieve the function that open or close the No. 7CH.
4. When the No. 10 DIP switch to the REV position, you can adjust the V₁ parameter for the FLPT mixing volume.
5. There is no function for the No.11 DIP switch.
6. When put the No.12 switch to the REV position, the transmitter adopts the left throttle mode, on the contrary, when put the No.12 switch to the NOR position, it adopts the right throttle mode.

情形二

1. 如图为遥控器出厂时, 开关1-12左右手两种情况下的初始化值设置.
2. FLIGHT MODE: FLIGHT MODE为N时, 正常混控比为100%; FLIGHT MODE为1时, 混控比为50%.
3. 开关7为REV时, Gear 开关实现油门熄火功能(第3通道); 为NOR时, Gear开关实现对第7通道的打开或者关闭的功能.
4. V₂无功能.
5. CH1与CH6无混控.
6. 开关10和11无功能.
7. 开关12为REV时是左手遥控器; 为NOR时为右手遥控器。

Case two:

1. when the radio control leaves factory, the initialization set of the No.1 to 12 DIP switches are showed in the pictures of left sides (there are two conditions, left throttle and right throttle).
2. FLIGHT MODE: when switching up the flight mode to the N position, the normal mixing ratio is 100%. On the contrary, when switching down to the 1 position, the mixing ratio is 50%.
3. When put the No. 7DIP switch to the REV position, then the Gear switch will achieve the throttle flameout function (No. 3CH); on the contrary, when put the No. 7DIP switch to the NOR position, then the gear switch will achieve the function that open or close the No. 7CH.
4. There is no function for the V₂.
5. There is no mixing functions between the CH1 and CH6.
6. It's no function for the No.10 and 11 DIP switches.
7. When put the No.12 switch to the REV position, the transmitter adopts the left throttle mode, on the contrary, when put the No.12 switch to the NOR position, it adopts the right throttle mode.

情形三

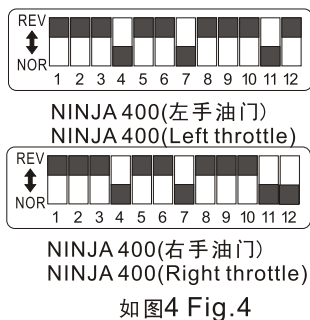
1. 如图为遥控器出厂时, 开关1-12左右手两种情况下的初始化值设置.
2. 开关7为REV时, Gear 开关实现油门熄火功能(第3通道); 为NOR时, Gear开关实现对第7通道的打开或者关闭的功能.
3. 开关10为REV时, 可调节pitch调节量 (V₁), pitch限幅量 (V₂); 为NOR时, 则锁定调节.
4. 开关11为REV时, 可调节油门曲线 (V₁).
5. 开关12为REV时是左手遥控器; 为NOR时为右手遥控器。

Case Three:

1. when the radio control leaves factory, the initialization set of the No.1 to 12 DIP switches are showed in the pictures of left sides (there are two conditions, left throttle and right throttle).
2. When put the No. 7DIP switch to the REV position, then the Gear switch will achieve the throttle flameout function (No. 3CH); on the contrary, when put the No. 7DIP switch to the NOR position, then the gear switch will achieve the function that open or close the No. 7CH.
3. When put the No. 10 DIP to the REV position, you may adjust the pitch adjustment parameters (V₁) and the pitch limit adjustment (V₂); on the contrary, when put it to NOR position, it will lock the adjustment.
4. When put the No.11 DIP to the REV position, you may adjust the throttle curve (V₁).
5. When put the No.12 to the REV position, the transmitter adopts the left throttle mode, on the contrary, when put the No.12 to the NOR position, it adopts the right throttle mode.

情形四

1. 如图为遥控器出厂时, 开关1-12左右手两种情况下的初始化值设置.
2. 开关7为REV时, Gear 开关实现油门熄火功能(第3通道); 为NOR时, Gear开关实现对第7通道的打开或者关闭的功能.
3. 开关10为REV时, 可调节pitch调节量 (V₁), pitch限幅量 (V₂); 为NOR时, 则锁定调节.
4. 开关11为REV时, 可调节油门曲线 (V₁).



如图4 Fig.4

5. 开关12为REV时是左手遥控器；为NOR时为右手遥控器。

Case Four

1. When the radio control leaves factory, the initialization set of the No. 1to12 DIP switches are showed in the pictures of left sides (there are two conditions, left throttle and right throttle).
2. When put the No. 7DIP switch to the REV position, then the Gear switch will achieve the throttle flameout function (No. 3CH) ; on the contrary, when put the No. 7DIP switch to the NOR position, then the gear switch will achieve the function that open or close the No. 7CH.
3. When put the No. 10 DIP switch to the REV position, you may adjust the pitch adjustment parameters (V1) and the pitch limit adjustment (V2) . On the contrary, when put it to NOR position. It will lock the adjustment.
4. When put the No. 11 DIP switch to the REV position, you may adjust the throttle curve (V1).
5. When put the No. 12 to the REV position, the transmitter adopts the left throttle mode, on the contrary, when put the No. 12 to the NOR position, it adopts the right throttle mode.

9. 2 逆转调整 Reverse Adjustment

开关序号 Channel No.	逆转功能 Reverse Function	REV 位置 REV position	NOR 位置 NOR position
1	副翼 Aileron	逆转 Reverse	NOR NORMAL
2	升降机 Elevator	逆转 Reverse	NOR NORMAL
3	油门 Throttle	逆转 Reverse	NOR NORMAL
4	尾舵 Rudder	逆转 Reverse	NOR NORMAL
5	陀螺仪感度 Gyro sensitivity	逆转 Reverse	NOR NORMAL
6	螺距/副翼 pitch/AILE	锁定 Lock	NOR NORMAL
7	收脚轮 Gear	逆转 Reverse	NOR NORMAL

9. 3 PIT 锁定及调节 PIT Lock and Adjustment

SKY701有PIT 调节及PIT 限幅调节,并能把所调节参数锁定,方法如下:

- A. 调节时把逆转/功能选择开关的第10个开关拨在“REV”位置。逆转/功能选择开关的第11号开关在“NOR”位置。遥控器面板上旋钮V1, V2标记对准0位。
- B. 遥控器面板上旋钮V1往“+”端旋转为增加PIT调节量;遥控器面板上旋钮V1往“-”端旋转为减少PIT调节量。
- C. 遥控器面板上旋钮V2往“+”端旋转为增加PIT限幅量;遥控器面板上旋钮V2往“-”端旋转为减少PIT限幅量。
- D. 调节完毕把逆转/功能选择开关的第10个开关拨在“OFF”位置,即可锁定已调好的PIT参数。

The transmitter provides the PIT and PIT limit adjustment functions and can lock the adjusted parameters as below:

- A. Put the No. 10 DIP switch in the REV position and. put the No. 11 DIP switches in the NOR position. Circumrotate the V1, V2, which are individually marked on the top left and right knobs, to the 0 position.

- B. Turning V1 to the “+” end to increase the PIT value and turning V1 to the “-” end to decreases the PIT value.
- C. Turning V2 to the “+” end to increase the PIT limit value and turning V2 to the “-” end to decreases the PIT limit value.
- D. After the adjustment is finished, put the No. 10 DIP switch to the OFF position and lock the adjusted PIT parameters.

9.4 陀螺仪感度 Gyro sensitivity

A. 调节时把逆转/功能选择开关的第5个开关拨在“REV”位置，这个时候可以调节陀螺仪。选择开关的第5个开关拨在“NOR”位置，这个时候锁定陀螺仪感度。

B. V3旋钮为陀螺仪感度调节，调节V3旋钮对准0位时陀螺仪感度为0%；往“-”端为陀螺仪NOR感度，最大为100%，陀螺仪的模式为NOR；往“+”端为锁定模式增加陀螺仪感度，最大为100%，陀螺仪的模式为锁定模式；根据飞行情况会有所不同，悬停时陀螺仪感度为60-70%；建议飞行时使用陀螺仪的锁定模式。

A. Put the No. 5 DIP switch on the REV position, this moment you may adjust the Gyro .and the No. 5 DIP switches on the NOR position. this moment You can lock the Gyro sensitivity

B. V3 provides the function of Gyro sensitivity adjustment. Adjust the V3 to the 0 position and the Gyro sensitivity is 0%;turning to the “-”end is the gyro NOR sensitivity.when the maximum value is 100%,and the gyro mode is NOR; turning to the “+” end is the lock mode,and increases the gyro sensitivity,the maximum is 100%, the gyro mode is lock mode; accordding to the flight situations will have different performance the gyro sensitivity in hovering flight is at 60-70%;Gyro lock mode in flight is recommended.

9.5 油门曲线 Throttle Curve

调节时把逆转/功能开关的第11个开关拨在“REV”位置，逆转/功能选择开关的第10号开关位置在“NOR”。遥控器面板上旋钮V1，V2标记对准刻度0位。

Put the No. 11 DIP switch on the REV position and No. 10 on the NOR position. Circumrotate V1 and V2 to the 0 position.

9.5.1 油门曲线调节 Normal Throttle Curve Adjustment

普通油门曲线调节：把3D倒飞开关拨到普通飞行模式；调节旋钮V1往“+”端油门曲线为以曲线中点往上偏移，最大范围为上移80%；调节旋钮V1往“-”端油门曲线为以曲线中点往下偏移，最大范围为下移，最大范围为下移40%；旋钮对准0位时为直线性（图1）

Switch the 3D inverted flight switch to the normal flight mode. Tune V1 to the “+” end and move the throttle curve mid-point upward. the maximum range is 80% upward; tune V1 to the “-” end and move the throttle curve mid-point downward, the maximum range is 40% downward; the knob to the 0 position, The curve is linear (Fig. 1)

9.5.2 3D倒飞油门曲线 Inverted Flight Throttle Curve Adjustment

倒飞油门曲线调节：把3D倒飞开关拨到3D倒飞飞行模式；V1旋钮对准0位时曲线为V形，油门中点为60%，调节旋钮V1往“+”端油门曲线中点往上提，最大范围为80%；调节旋钮V1往“-”端油门曲线中点往下伸，最小范围为40%（图2）

Switch the 3D inverted flight switch to the 3D inverted flight mode. When tune V1 to 0 position, the curve is V-shape and the throttle center is at 60%. Tune V1 to the “+” end, and the curve moves up and its maximum range is 80%; tune V1 to the “-” end, the curve moves down and its minimum range is 40% (Fig. 2).

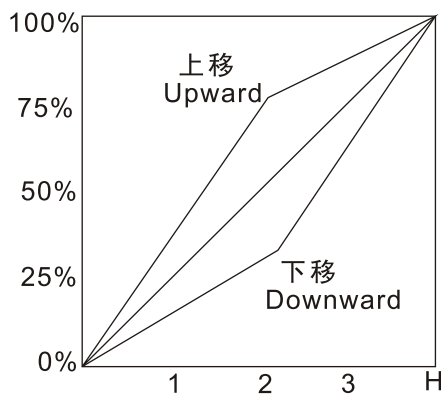


图 1
Fig.1

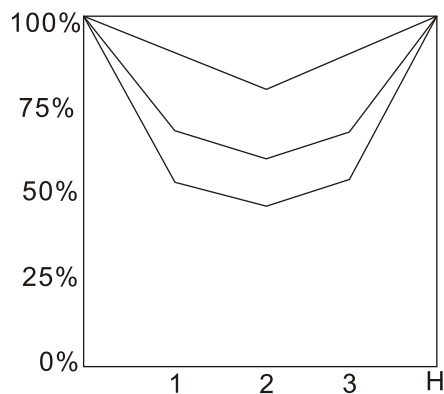


图 2
Fig.2

9. 5. 4 3D 倒飞开关 Inverted Flight

SKY701遥控器提供了两种飞行模式,一种为普通飞行模式,一种为3D特技飞行模式.把面板上的飞行模式开关拨到“N”位置时为普通飞行模式;把面板上的飞行模式开关拨到“1”位置时为3D特技飞行模式;在开机时如果开关已处于1状态,则无发射信号,系统进入安全保护状态;解除把飞行模式开关拨到“N”位置即可.

The SKY701 offers two flight modes: normal and 3D aerobatic. if put the flight mode switch to N position. the flight mode is normal; if put the flight mode switch to 1 position, the flight mode is aerobatic. if the flight mode switch is at 1 position when turning on the transmitted, There is no signal to be transmitted and the system will automatically enter the protection status; if the flight mode switch is turn to the N position. The protection status will be removed.

10. 0 遥控器规格 Transmitter Specification

编码器	七通道微电脑系统
调变方式	PPM
输出功率	≤750Mw
消耗电流	250mA
使用电池	1. 2VX8镍镉电池(9. 6V 600mAh) 或1. 5VX8 AA 干电池

输出脉冲 1600-2000Ms (中立点为1500)

Encoder	7-channel micro computer system
Modulation	PPM
Output Power	≤750Mw
Current Drain	250mA
Power Source	12×8 NiCad (9. 6V 600mAh) or 1. 5V×8AA dry batteries
Output Pulse	1600-2000Ms (1500 Neutral)

11.0 接收机规格 Receiver Specification

类型 7频道PPM
灵敏度 0.5 μ V (最小值)
选择性 8KZ/50db
重量 540g
尺寸 178X190X55mm
天线长度 1.2m
接收机电池 4.8V 1100mAh

Type 7-Channel PPM
Sensitivity 0.5 μ V (minimal)
Selectivity 8KZ/50db
Weight 540g
Dimension 178 \times 190 \times 55mm
Antenna Length..... 1.2m
Receiver Battery 4.8V 1100mAh

12.0 摇杆长度调节 Control Stick Length Adjustment

使用1.5mm六角板手先拧松摇杆上的固定螺丝，然后顺时针或逆时针方向转动摇杆便可调整摇杆的长度，调整好摇杆长度后，再将固定螺丝旋紧

To adjust the stick length, use the 1.5mm Allen Wrench to unlock the set screw, and then turn the wrench clockwise or counterclockwise to adjust the stick length. After the stick length has been adjusted to suit your flying style, tighten the set screw.

13.0 摇杆松紧度调节 Control Stick Tension Adjustment

拆下电池及遥控器背面盖固定螺丝，卸下遥控器背盖（注意勿弄断线），用十字起子调节摇杆松紧度到适度，顺时针方向调节为紧，逆时针方向调节为松。

Remove the battery pack and 4 back cover screws, and then remove the transmitter back case. Be careful not to damage. Remove the PCB board (don't touch or break the wires), and adjust each screw for the desired tension (Note: clockwise to tighten stick and counterclockwise to loose the stick).

14.0 颈带使用 Neck Strap Usage

遥控器面板上有一颈带扣环，可将遥控器颈带的挂钩拷在扣环上。遥控器颈带扣环位于遥控器中心位，可使遥控器获得最佳平衡位置（模型店有售）。

There is a Hook on the face of the SKY701 transmitter. The neck strap can be hooked on the eyelet. The Hook located at the center is helpful to getting the optimal balance of the transmitter.

15.0 无线电频率 Radio Frequency

遥控器采用交换晶体方式来改变频，更换同频段不同频点，如若使用72.810可换成72.790或72.870等,遥控器与接收机的晶体需同时更换。在使用时需注意不要与他人使用相同频率的遥控器在同一飞行场地。

To change the frequency points within the same frequency band such as changing the 72.810 into 72.790 or 72.870, the crystal oscillator of the transmitter and the receiver have to be simultaneously changed. Never fly with the same frequency at the same ground when in use.

16.0 安装要求 Installation Requirement

将遥控系统正确地安装在模型上是一件非常重要的事，以下是安装时的一些建议：

1. 舵机需安装橡胶垫圈及铜眼，以便能隔离机身的振动。螺丝钉请勿锁得太紧，以使橡胶垫圈不变形为原则，以免降低橡胶垫圈的避振效果。
2. 安装舵机时需舵机能在最大行程范围内自由转动，请确定连杆不阻碍舵机活动。
3. 安装各类开关时，确定开关能活动自如。
4. 安装接收机的天线时，请确定主旋翼或尾旋翼不会打到天线。

It is important to correctly mount your radio system in your model. Below are some advices on how to install your SKYARTEC equipment.

Installations of rubber grommets and copper sleeve to isolate the vibration are musts. The mounting screws cannot be over-tightened. Otherwise, the rubber grommets will be distorted and decrease the vibration absorption effect.

1. When mounting the servos, please make sure they can freely move over their whole travel ranges and ensure the control linkages don't touch or impede the movement of the servos.
2. Install various switches far away from the engine tuned pipe and far away from the high vibration area, and ensure all the switches move freely over their whole ranges.
3. When mounting the receiver antenna, please make sure that the main rotor and tail rotor blades or the propellers cannot entangle it.
4. Transmitter Battery Mounting: please note the polarities when inserting the plugs.

17.0 改换遥控器模式 Changing the transmitter's mode

如果你想要改变发射机的模式，譬如从模式2（左手）到模式1（右手），那么首先把第12个拨向NOR位置,然后打开发射机电源开关。

你将使用螺丝起子，移开发射机后盖的六颗螺丝。并把螺丝放在安全的地方。并旋开天线上的螺丝。这时，在发射机前面垫上一些东西，如图把发射机面朝下的放置。轻轻地放置发射机后盖。你将看到如图图像。此时使用小的十字螺丝起子，扭开并调整支架铜片，弹簧限位支撑架和电压弹簧的位置。模式2时，它们的位置如图1；转换成模式1后，得到如图2新的位置。同理，从模式2到模式1的转换，按照相反的方向设置

完成由模式2到模式1的转换后，你将关闭发射机，非常小心地重新装上后盖，把后盖按原位置对齐，扭紧六颗螺丝。
If you wish to change the mode of the transmitter, say from Mode 2 to Mode 1, switch the transmitter on while Put the No. 12 DIP switch on the NOR position.

Using a screwdriver, remove the six screws that hold the transmitter's rear cover into position, and put them in a safe place. Unscrew the antenna and set it aside. Now, place some padding under the front of the transmitter and set it face-down on the pad Gently ease off the transmitter's rear cover. Now you'll see the view shown.

Using a small cross-point screwdriver, tune and adjust the position for the 3CH friction slice, 2CH potentiometer set and 2CH spring set. when It's on the mode 2, the positions in the picture as the fig 1. after changing into the Mode 1, the new positions in the picture as the fig 2. at the same way, you can change the Mode 1 to Mode 2, In accordance with the opposite direction to set the positions.

After changing the transmitter's mode, you may close the transmitter, very carefully reinstall the rear cover. When the cover is properly in place, tighten the six screws.





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